

REMARKS/ARGUMENTS

Applicant responds herein to the Office Action dated August 16, 2006/

Claims 1-4, 6-13, and 15-16 were rejected under 35 U.S.C. §102(e) as being anticipated by Ostberg et al., U.S. 2004/0203839. Reconsideration of the rejection is respectfully requested.

Independent claim 1 has been amended to provide for,

1. A method for use in network acquisition in a cellular radio communications device comprising the steps of:
 - a. storing details of the cell, as cell information, to which the device was connected at the time of loss of the network for at least prior first and second separate instances of network loss;
 - b. attempting network establishment on the basis of the stored details of one of the stored cells;
 - c. camping on said one of the stored cells if available;
 - d. attempting network establishment on the basis of the stored details of one of the other of the stored cells if said cellular radio communications device is not camped on one of the stored cells;
 - e. camping on one of the other of the stored cells if available;
 - f. returning to step d as long as there are stored cells, the stored details of which have not yet been used as the basis to attempt network establishment, or as long as said cellular radio communications device is not camped on one of the stored cells; and
 - g. conducting a network cell search if none of the stored cells are available.

Independent claim 10 has been amended to provide for,

10. A cellular radio communication device having storing means for storing details of the cell, as cell information, to which the device was connected at the time of loss of the network for at least prior first and second instances of network loss;
 - means for attempting network establishment on the basis of one of the at least first and second stored cells;
 - means for camping on the network if said one of the at least first and second stored cells is available;
 - means for attempting network establishment on the basis of the others of the at least first and second stored cells if said one of the at least first and second stored cells is not available;

means for camping on the network if said one of the at least first and second stored cells is not available and if one of the others of the at least first and second stored cells is available; and
means for initiating a network cell search if none of the stored cells are available for network camping.

Antecedent basis for the amendments to claims 1 and 10 is found in the specification, for example, on page 6, line 26 to page 7, line 6, and in the drawings, for example, Fig. 2.

Independent claim 1 only contemplates attempting network establishment on the basis of the stored details of one of the stored cells as long as the cellular communications device is not camped on an available stored cell. In contrast in Ostberg et al., a complete cell search of all the frequencies on the history list of the mobile terminal is performed without any termination criterion of whether the mobile terminal is camped on an available stored cell, (page 5, para. [0046] to para. [0047], line 10). Likewise, independent claim 10 provides that attempting network establishment, on the basis of the others of the at least first and second stored cells, will only occur if one of the at least first and second cells is not available, and camping on the network, as a result of attempting such network establishment, will only occur if one of the at least first and second stored cells is not available and if one of the others of the at least first and second stored cells is available. Thus, both independent claims 1 and 10 provide for a potentially limited cell search of the stored cells details, based upon finding details of a stored cell which is available, and, thus, successful camping on the network or a stored cell. Ostberg et al., on the other hand, teaches a cell search through all of the frequencies stored in the mobile terminal's history list without regard to a stop criterion, based upon successful camping on a stored cell or the network, as claimed in independent claims 1 and 10.

Since each of claims 2-4, 6-9, 11-13, and 15-16 is directly or indirectly dependent upon one of independent claims 1 and 10, each of claims 2-4, 6-9, 11-13, and 15-16 is allowable over Ostberg et al. for the same reasons recited above with respect to the allowability of independent claims 1 and 10 over Ostberg et al.

Claims 5 and 14 were rejected under 35 U.S.C. §103(a) as being unpatentable over Ostberg et al. and in view of Wiberg et al. U.S. Patent No. 6,628,946. Reconsideration of the rejection is respectfully requested.

Since each of claims 5 and 14 is directly dependent upon independent claims 1 and 10, respectively, each of claims 5 and 14 is allowable over Ostberg et al. for the same reasons recited above with respect to the allowability over independent claims 1 and 10 over Ostberg et al.


With regard to Wiberg et al., that reference is directed toward associating tags with one or more system control parameters in a cellular telecommunications system or network, (abstract), and does not teach, disclose or suggest a use of a criterion of camping on a stored cell or a network, on the basis of stored details of one of stored cells, to terminate a search through the stored details of stored cells stored in a cellular radio communications device, as claimed in independent claims 1 and 10.

Claim 17 is allowed. In view of the foregoing amendments and remarks, allowance of claims 1-17 is respectfully requested.

Accordingly, the Examiner is respectfully requested to reconsider the application, allow the claims as amended and pass this case to issue.

Respectfully submitted,

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